

**Table 2. Summary of Goals and Objectives**

**Goal I Surveillance:**

***Establish the networks and develop the tools needed to detect, rapidly investigate, and monitor emerging pathogens, the diseases they cause, and the factors influencing their emergence.***

**Objectives:**

- A. Establish a coordinated system for the early detection, tracking, and evaluation of emerging infections in the United States.
- B. Develop more effective international approaches to the anticipation, recognition, control, and prevention of emerging infectious diseases.
- C. Ensure early detection of antimicrobial resistance with improved tools for rapid laboratory identification and better surveillance.
- D. Establish integrated programs to monitor and prevent emerging infections associated with food/water, new technology, and environmental sources.
- E. Establish integrated programs to monitor, control, and prevent emerging vector-borne and zoonotic diseases.

**Goal II Research:**

***Integrate laboratory science and epidemiology to optimize public health practice.***

**Objectives:**

- A. Expand epidemiologic and prevention effectiveness research, including reinstitution of an extramural program.
- B. Develop and apply improved laboratory and epidemiologic techniques for the rapid identification of new pathogens and syndromes.
- C. Ensure timely development, appropriate use, and availability of diagnostic tests and reagents.
- D. Augment the capacity for rapid vaccine development and expand evaluation of vaccine efficacy and the cost effectiveness of vaccination programs.

**Goal III Prevention and Control:**

***Provide timely dissemination of public health information about emerging diseases and ensure prompt implementation of prevention strategies.***

**Objectives:**

- A. Apply more diverse strategies for information dissemination that allow for greater access to and wider distribution of critical public health messages.
- B. Establish the mechanisms and partnerships needed to ensure the rapid and effective implementation of prevention measures.

**Goal IV Infrastructure:**

***Ensure that local, state, and federal public health infrastructure is strengthened as required to accomplish Goals I–III.***

**Objectives:**

- A. Ensure the ready availability of the professional expertise and support personnel needed to better understand, monitor, and control emerging infections.
- B. Provide state-of-the-art physical resources (laboratory space, training facilities, equipment) needed to safely and effectively support the preceding goals and objectives.